

### **DETAILED ACTION**

This office action is in response to the communication filed on 01/17/2011.

Claims 1-6, 8-37 are pending.

### **EXAMINER'S AMENDMENT**

An examiner's amendment to the record appears below. Should the changes and/or additions be unacceptable to applicant, an amendment may be filed as provided by 37 CFR 1.312. To ensure consideration of such an amendment, it **MUST** be submitted no later than the payment of the issue fee.

Authorization for this examiner's amendment was given in a telephone interview with John Jaison on 03/07/2011.

The claims have been amended as follows:

10. (Currently amended) An article comprising one or more non-transitory machine-readable storage media containing instructions that when executed enable a processor to:

indicate to two or more remote systems in a distributed data processing system that a task in a task list is available for processing based on a distribution list identifying the remote systems, wherein the task is a compilation task and wherein the indication specifies at least one resource requirement; and

assign, based on a determination by the two or more remote systems that at least one or more of the resource requirements is satisfied, the task from the task list to

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a first remote system to respond to the indication that the task is available for processing, wherein the task is assigned without performing a comparison of current operational capabilities of the two or more remote systems to each other, and wherein each of the two or more remote systems has reserved at least a portion of its respective resources for performing the task based at least in part on the at least one resource requirement.

19. (Currently amended) An apparatus, comprising:

a memory;

an interface coupled to the memory, the interface adapted to communicate with two or more remote systems; and

a control unit communicatively coupled to the interface, the control unit adapted to: indicate to the two or more remote systems in a distributed data processing compilation system that a task in a task list is available for processing based on a distribution list identifying the two or more remote systems, wherein the indication specifies at least one resource requirement;

receive at least one response from the two or more remote systems capable of performing the task based on the indication, wherein the at least one response is based on a determination by the two or more remote systems that the at least one resource requirement is satisfied, and wherein each responding remote system has reserved at least a portion of its respective resources for performing the task based at least in part on the at least one resource requirement; and

assign the task from the task list to a first remote system to respond to the indication that the task is available for processing, wherein the task is assigned without performing a comparison of operational capabilities of the two or more remote systems to each other.

29. (Currently amended) A distributed compilation system, comprising:

two or more remote systems;

a client system comprising a memory, said client system being adapted to:

indicate to the two or more remote systems that a compilation task in a task list is available for processing based on a distribution list identifying the one or more remote systems, wherein the indication specifies at least one resource requirement;

receive at least one response from at least two of the two or more remote systems capable of performing the compiling task based on the indication wherein the at least one response is based on a determination by at least two of the two or more remote systems that the at least one resource requirement is satisfied, and wherein each responding remote system has reserved at least a portion of its respective resources for performing the task based at least in part on the at least one resource requirement; and

assign the task from the task list to a first remote system to respond to the indication that the task is available for processing, wherein the task is assigned without performing a comparison of operational capabilities of at least two of the two or more remote systems to each other.

***Reasons for Allowance***

The following is an examiner's statement of reasons for allowance:

Claims 1-6, 8-37 are allowed. The prior art of record does not teach the claimed invention, as follows.

For independent claim 1, the prior art does not teach a method, comprising: indicating to two or more remote systems in a distributed data processing system that a task, in a task list, is available for processing based on a distribution list, wherein the task is a compilation task and wherein an indication specifies at least one resource requirement; receiving at least one response from each of at least two of the two or more remote systems capable of performing the task responsive to receiving the indication, wherein the at least one response is based on a determination by the two or more remote systems that the at least one resource requirement is satisfied, and wherein each of the responding remote systems has reserved at least a portion of its respective resources for performing the task based at least in part on the at least one resource requirement; and assigning the task from the task list to a remote system of the at least two remote systems that responds first to the indication that the task is available for processing, and wherein assigning the task is performed without comparing operational capabilities of the at least two remote systems to each other.

Independent claims 10, 18, 19, 29, 32 and 35 are allowed for the same reasons.

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Any comments considered necessary by applicant must be submitted no later than the payment of the issue fee and, to avoid processing delays, should preferably accompany the issue fee. Such submissions should be clearly labeled "Comments on Statement of Reasons for Allowance."

### ***Conclusion***

The prior art made of record and not relied upon is considered pertinent to applicant's disclosure is included in form PTO 892.

Any inquiry concerning this communication or earlier communications from the examiner should be directed to Hieu T. Hoang whose telephone number is 571-270-1253. The examiner can normally be reached on Monday-Thursday, 8 a.m.-5 p.m., EST.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Thu Nguyen can be reached on 571-272-6967. The fax phone number for the organization where this application or proceeding is assigned is 571-273-8300.

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/Patrice L Winder/

Primary Examiner, Art Unit 2452

/H. H./  
Examiner, Art Unit 2452